

## Product datasheet for **MC216833**

### Larp6 (NM\_026235) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Larp6 (NM_026235) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Larp6
Synonyms:	5430431G03Rik; Achn; AI552438
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC216833 representing NM\_026235  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCCAGCTCGGCCAACAGACTCTGCCTGGGCCGAGACCACGGTGCAGATCCGTGTCGCCATCCAGG  
AGGCTGAGGATCTGGAGGATCTGGAGGAGGAGGACGAGGGGACCTCGGCCGCGGCAGCGGGGACCCAGC  
CCGGTACCTCAGTCCCGCTGGGCGAGCCAGCGAGGAGGAGCCGAGCCGCGGGCACAGTAGTGCCACG  
ACAAGTGGGGCGAGAACGATCGCGAGGACCTGGAGCCTGAGTGGAGGCCCGGACGAGGAGCTCATCA  
GGAAGCTGGTGGATCAGATTGAGTTCTACTTTTCGGACGAGAACCTGGAGAAGGACGCCTTCTGCTGAA  
GCACGTGCGGAGGAACAAGCTGGGCTACGTGAGCGTCAAGCTGCTCACCTCCTTCAAGAAGGTGAAACAC  
CTCACCCGGGACTGGAGGACCACAGCACACGCCTTGAAGTATTCAGTACCCTGGAGTTGAACGAGGACC  
ACCGGAAGTTAGGAGGACCACCCTGTGCCACTGTTCCCAATGAGAACCTCCCAGCAAGATGCTGCT  
GGTCTATGACCTACACCTGTCCCTAAGCTCTGGGCCCTGGCCACACCCAGAAGAACGGAAGGGTGCAG  
GAGAAGGTGATGGAGCATCTGCTCAAGCTCTTGGGACTTTTGGCGTCATCTCATCGGTGCGGATCCTAA  
AACCTGGGAGAGAGCTGCCCCCTGACATCCGGAGGATCAGCAGCCGCTACAGCCAGGTGGGGACCCAAGA  
GTGCGCCATTGTGGAGTTCGAGGAGGTGGACGCGGCCATTAAAGCCCATGAATTCATGGTCACTGAATCT  
CAGAGCAAAGAGAAATGAAGGCTGTTCTGATTGGGATGAAGCCGCCAAAAAGAAACCCCTCAAAGATA  
AGAACCATGACGATGAGGCCACAGCAGGTACCCACCTAAGCAGATCCCTGAACAAGAGAGTGGAGGAACT  
TCAGTACATGGGGATGAGTCTTCGCCAACAGCTCCTCTGACCTGAGAGCAATCCACCTCTCCCATG  
GCCGGCCGGCGGCACGCGCCAGCAACAAGCTCAGCCCTCGGGCCACCAGAATATTTTTCTGAGCCCCA  
ATGCCTCCCGTGCTCAAGCCCATGGAGCAGCCCTTGGCACAGCGCAAGGGTGTCTCCAGAAAAATCCCC  
GCTGGCTGAAGAAGGTAGACTGAACTTACGACCAGCCCTGAGATCTTCCGAAAGTGCATGGATTATTCT  
TCCGACAGCAGCATCACTCCCTCGGGCAGCCCTGGGTTTCGACAGCAGCCAGGCTGAGATGGGGACTC  
AGGAGAAAAGTCCAGGGCGAGTCCCCTGCTGTCTCGGAGGATGCAGACCGCAGATGGGTTACCTGTGGG  
GGTGTGAGGCTGCCAGAGGCCCGACAACACAGGGGCTTCCACGGTGGACATGAGAGAGGCAGAGCC  
TGTGTATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_026235

**Insert Size:** 1479 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_026235.4](#), [NP\\_080511.2](#)

**RefSeq Size:** 2308 bp

**RefSeq ORF:** 1479 bp

**Locus ID:** 67557

**UniProt ID:** [Q8BN59](#)

**Cytogenetics:** 9 B

**Gene Summary:** Regulates the coordinated translation of type I collagen alpha-1 and alpha-2 mRNAs, CO1A1 and CO1A2. Stabilizes mRNAs through high-affinity binding of a stem-loop structure in their 5' UTR. This regulation requires VIM and MYH10 filaments, and the helicase DHX9 (By similarity).[UniProtKB/Swiss-Prot Function]